

KRISHMAL DINIDU

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ABOUT ME

I am an undergraduate student at SLIIT specializing in Artificial Intelligence. I have hands-on experience in web development, IoT-based projects, and AI model training. I am highly motivated to apply my technical skills to real-world problems and gain industry experience through an internship.

EDUCATION

BSc (Hons) in Information Technology Specialising in Artificial Intelligence

• Faculty of Computing, Sri Lanka Institute of Information Technology

PROFESSIONAL SKILLS

- **Programming Languages** - Java | SQL | Dart | Python | C++
- **Frameworks** - Spring, Spring Boot (Maven) | Flutter
- **Database Management Systems** - MySQL | Firestore (Firebase)
- **Other** - Git

PROJECTS

IOT Project

• Water Monitoring System

Designed and implemented an ESP32-based system to monitor water levels and automatically refill the tank when levels fall below a threshold. Integrated Firebase and a mobile application to enable real-time monitoring and remote control.

Web Developments

• Real Estate Agent Matching Platform

Developed a web platform to match property buyers and sellers with real estate agents, featuring intelligent agent matching, appointment scheduling, real-time availability, and client feedback.

• WealthWise - AI-Powered Financial Tracker

Developed WealthWise, a full-stack financial tracker integrating Google Gemini 2.5 AI for personalized spending insights and budget forecasts, with a responsive dashboard, secure authentication, and Stripe payment integration.

• Online Train Ticket Booking System

Developed a secure online train booking system using Java Spring Boot, featuring automated SMTP email notifications, integrated Stripe card payments, real-time seat availability, and digitized ticket management.

Artificial Intelligence / Machine Learning

• Household Power Consumption Prediction

Trained an AI model to analyze household power consumption data and predict future usage patterns, improving energy management and efficiency.

ACHIEVEMENTS

- **SLIITXtreame 4.0**
 - 24h Hackathon Organized by SLIIT - 12th place
- **CodeX Competition 2025 - University of Moratuwa**
 - Participated in Hackathon organized by UOM
- **Kaggle Playground Series - Season 5, Episode 11**
 - Rank 1789 among more than 3724 participations

CERTIFICATIONS

- Bring AI to Work Workshop | Google June 2025
- **Google Cloud Skill Badages - Please refer to my LinkedIn profile**

REFERENCES

Ms. Samali Ruchirani Amarasekara

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